MANITOBA CHEMISTRY 40S · UNIT C · 10 QUESTIONS

Reaction Equilibrium — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A sample of water has mass 36 grams. Its molar mass is 18 grams per mole. The amount, in moles, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A solution has 2 moles of solute in 1 litres. Its concentration, in moles per litre, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A solution has 3 moles of solute in 3 litres. Its concentration, in moles per litre, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A solution has hydrogen ion concentration $10^{-}2$ moles per litre . Its pH is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A sample of methane has amount 3 moles and molar mass 16 grams per mole. Its mass, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The unit of energy is the**

A newton

B watt

C volt

D joule

Understand It with Pulse | Flag a mistake

7 **The unit of power is the**

A watt

B joule

C newton

D ampere

Understand It with Pulse | Flag a mistake

8 **The unit of electric current is the**

A volt

B ampere

C ohm

D watt

Understand It with Pulse | Flag a mistake

9 **The unit of voltage is the**

A ampere

B ohm

C volt

D watt

Understand It with Pulse | Flag a mistake

10 **The speed of light in a vacuum is about**

A 150000 kilometres per second

B 300 kilometres per second

C 3000 kilometres per second

D 300000 kilometres per second

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	2	**5.**	48	**9.**	C
2.	2	**6.**	D	**10.**	D
3.	1	**7.**	A		
4.	2	**8.**	B		

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